

What is claimed is:

1. An Internet addressing scheme for the prevention of sending undesired material comprising a certain partial portion, wherein the certain partial portion of a recipient address is assigned a designated indicator value, said designated indicator value being publicly promoted as a class of service.

2. A scheme as in claim 1, wherein said class of service of the designated indicator value in said partial portion of a recipient address is publicly promoted and designated as for use by minors.

3. A scheme as in claim 2, wherein the designated indicator value in the partial portion of a recipient address is publicly promoted and designated as for use by minors, with legal penalties attached for addressing undesired material to any such address.

4. A scheme as in claim 3, wherein the recipient address is held by a minor.

5. A scheme as in claim 1 wherein said certain partial portion of the recipient address is appended onto the end of a conventional Internet address.

6. A scheme as in claim 1 wherein said certain partial portion of the recipient address is embedded within a conventional Internet address.

7. A web server comprising a request checker module server that checks the url of incoming requests for web pages, and a request blocker module that does not send the requested page if the url of the incoming request contains a certain publicly promoted value designated as for use by minors and the requested page is unsuitable for minors.

8. A content authorization server comprising an address checker module that checks a recipient Internet address of Internet traffic passing through the server for a designated indicator value in a partial portion of an Internet address publicly promoted as being for use by

minors, and a warning message sender module that receives the results of the check performed by the address checker module, if such a designated indicator value is found, sends a warning message to a sender of the Internet traffic.

5           9.       A content authorization server as in claim 8, wherein said sender of said Internet traffic is required to accept a term of use outlined in said warning message before Internet content will be delivered to the recipient Internet address.

10           10.       A content authorization server as in claim 9, further comprising a database, wherein a record is kept in the database each time the sender of the Internet traffic agrees to the term of use.

15           11.       A content authorization server as in claim 10, further comprising a traffic blocker module that blocks transmission of the Internet traffic unless a record of agreement is found in said database.

20           12.       An Internet addressing scheme for the prevention of sending bulk automated messages comprising a certain partial portion, wherein the certain partial portion of a recipient address is assigned a designated indicator value which is publicly promoted as being designated as a certain class of service when said designated indicator value is included in said portion.

25           13.       A method as in claim 12, wherein said designated indicator value in said partial portion of a recipient address is publicly promoted and designated as for use by those not wishing to receive bulk automated messages.

30           14.       A method as in claim 12 wherein said designated indicator value in the partial portion of the recipient address is publicly promoted and designated as for use by those not wishing to receive bulk automated messages, with penalties attached for addressing such messages to any such address.

15. A method as in claim 12 wherein said certain partial portion of the recipient address is appended onto the end of a conventional Internet address.

16. A method as in claim 12 wherein said certain partial portion of the recipient address is embedded within a conventional Internet address.

17. A content authorization server comprising an address checker module that checks a recipient Internet address of Internet traffic passing through the server for a designated indicator value in a partial portion of an Internet address publicly promoted as being for use by those not wishing to receive bulk automated messages, and a warning message sender module that receives the results of the check performed by the address checker module, if such a designated indicator value is found, sends a warning message to a sender of the Internet traffic.

18. A content authorization server as in claim 17, wherein said sender of said Internet traffic is required to accept a term of use outlined in said warning message before Internet content will be delivered to the recipient Internet address.

19. A content authorization server as in claim 18, further comprising a database, wherein a record is kept in the database each time the sender of the Internet traffic agrees to the term of use.

20. A content authorization server comprising an address checker module which checks the Internet address of a sender of incoming Internet traffic, a database verification module that looks up said sender address in a database, and a warning message sender module that receives the results of the check performed by the address checker module, that sends a warning message to the sender of said incoming Internet traffic if the Internet address of the sender of said Internet traffic is not found in said database.